

FIG. 1C  
PRIOR ART

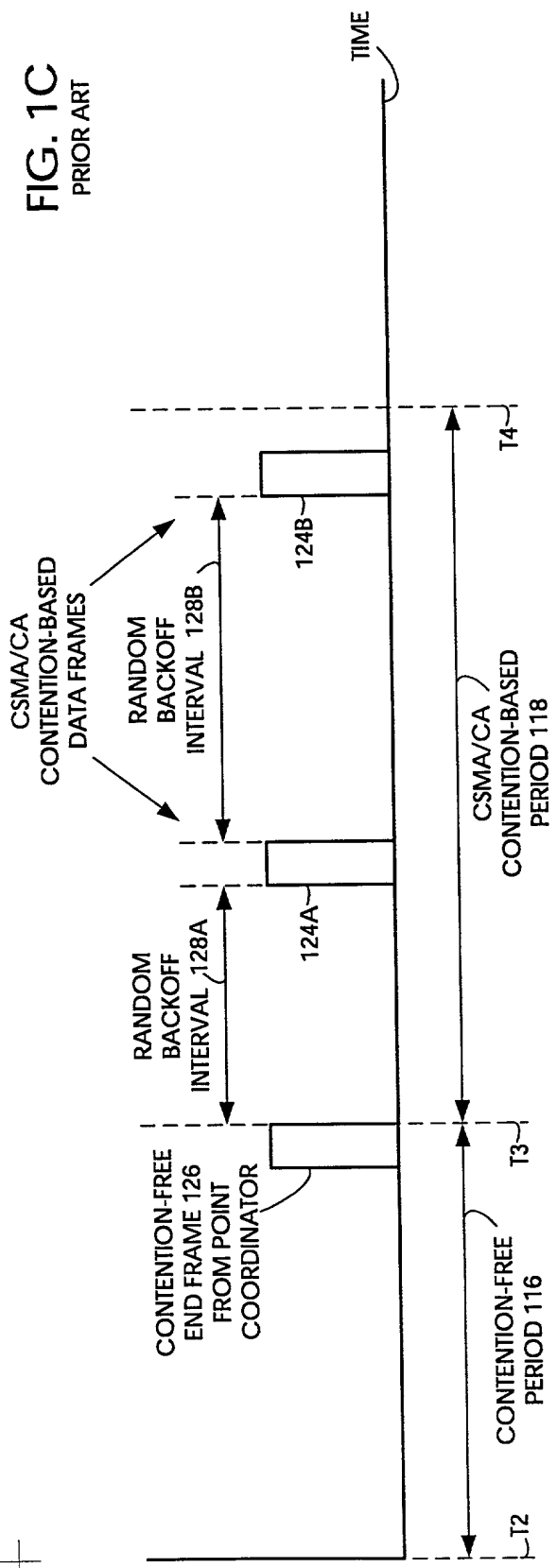
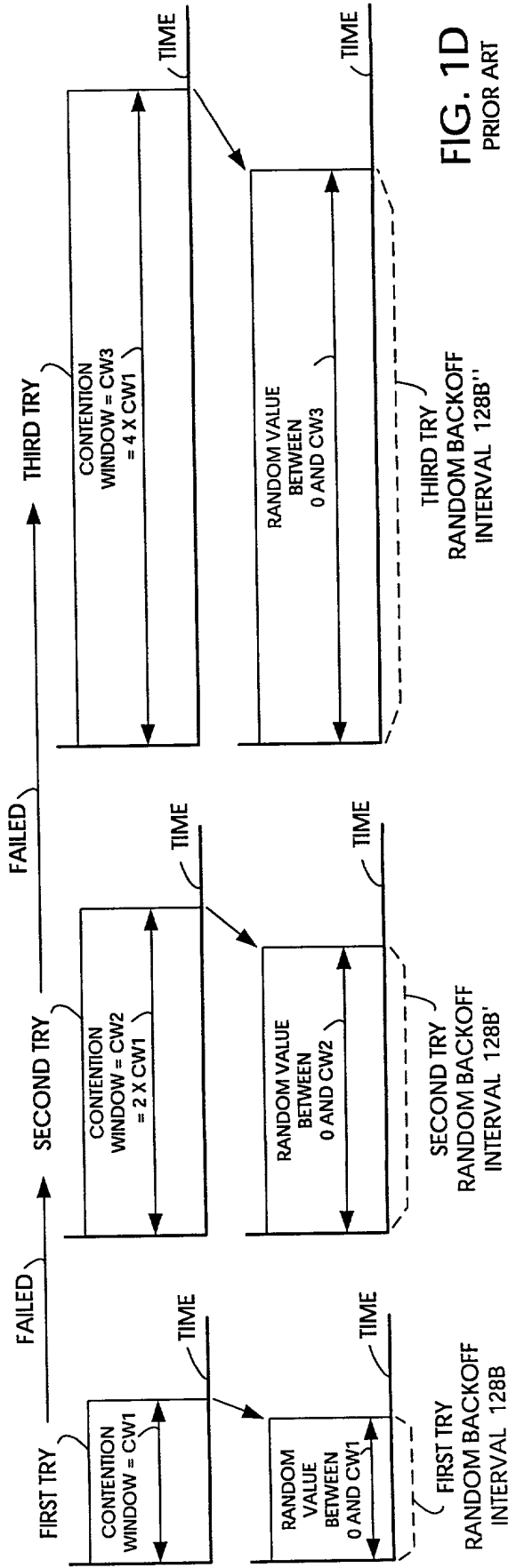
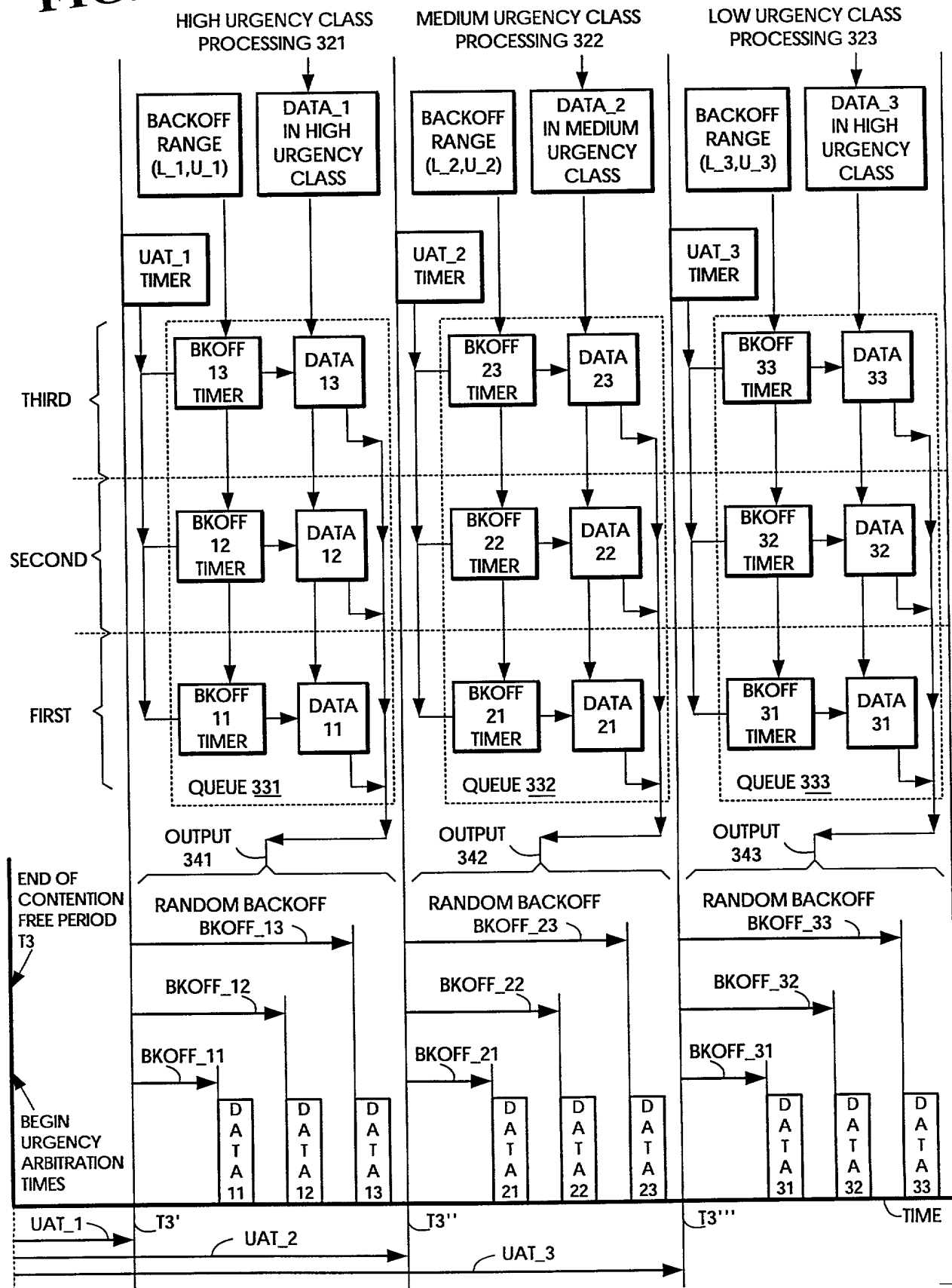


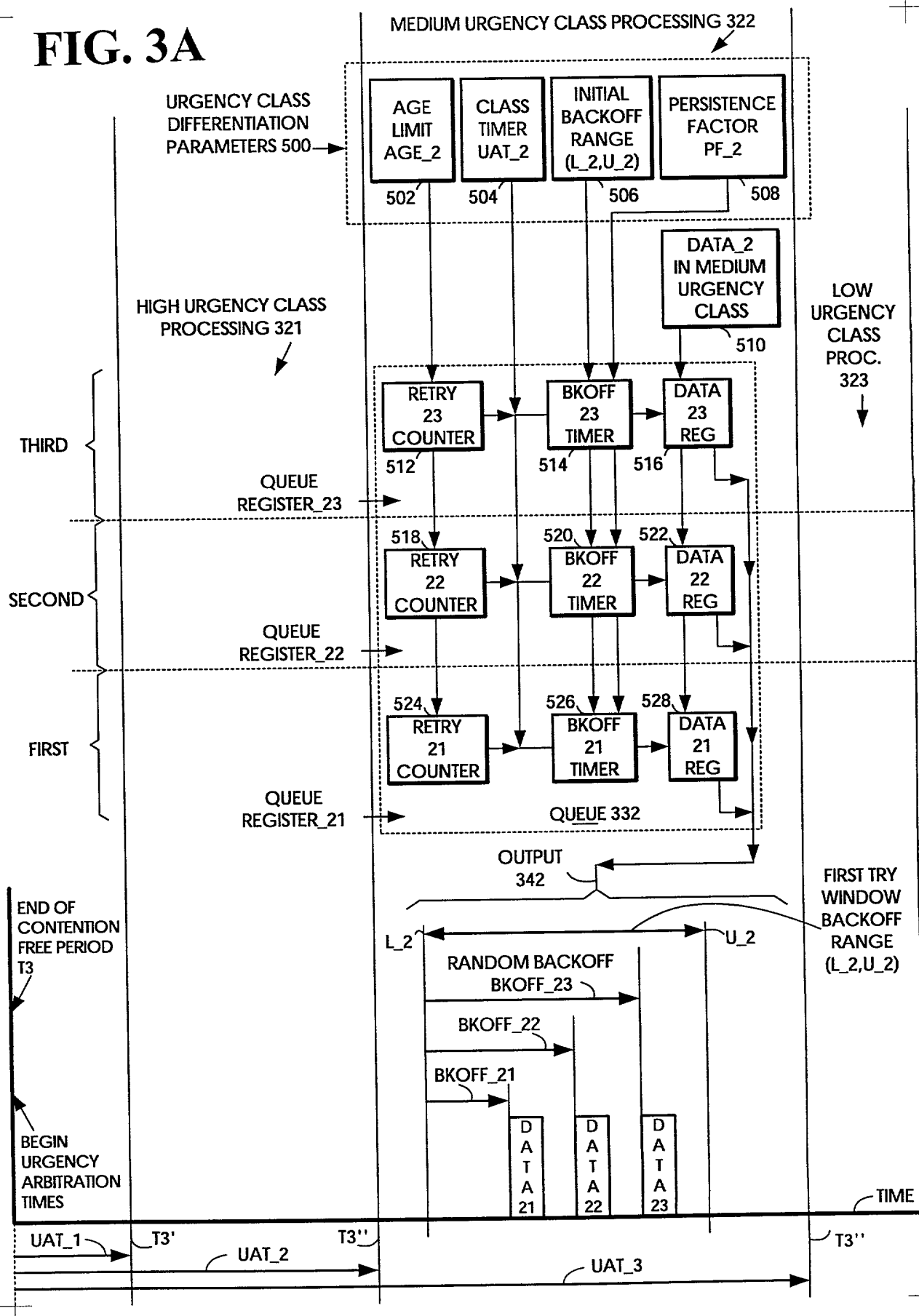
FIG. 1D  
PRIOR ART



# FIG. 2



# FIG. 3A



# FIG. 3B

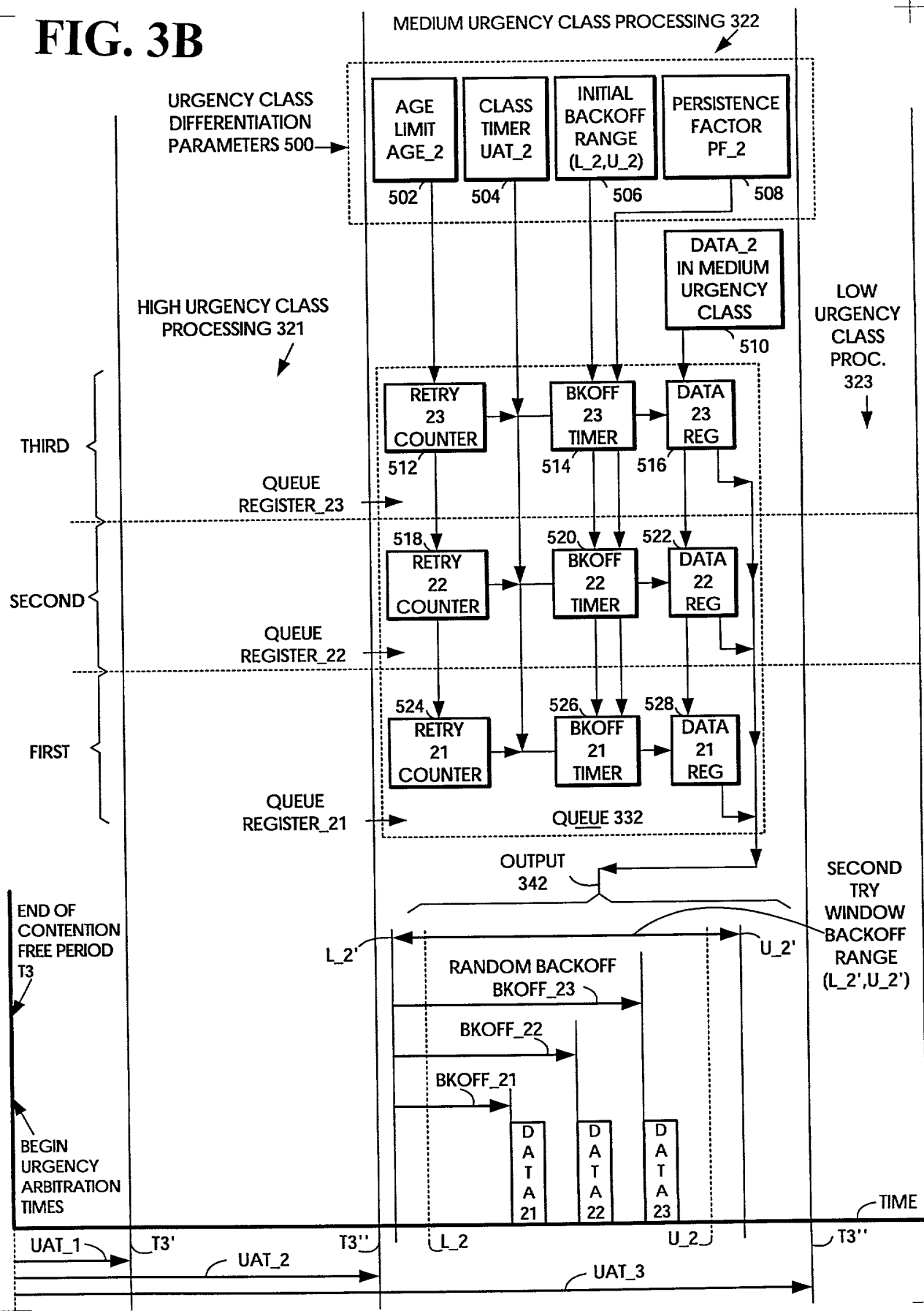
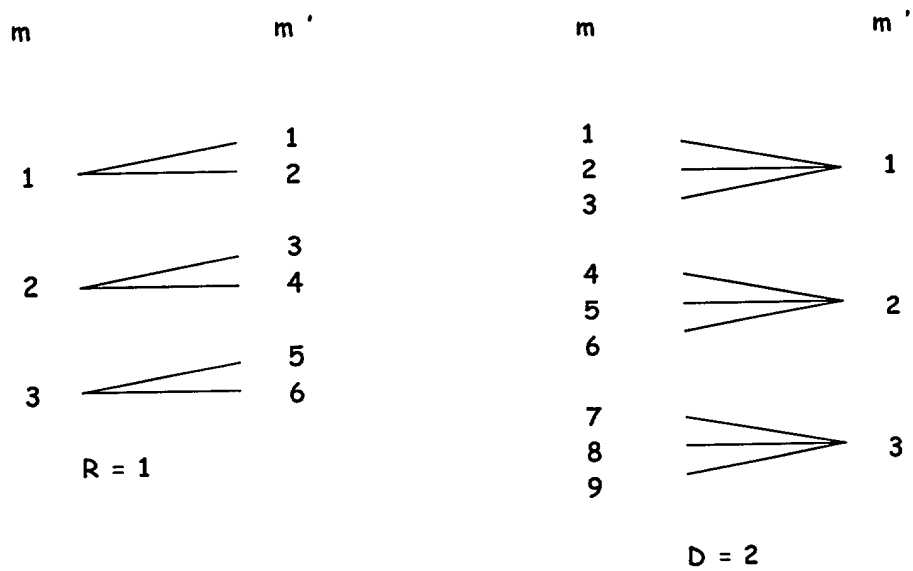


FIG. 4

CONGESTION IS ESTIMATED FOR EACH URGENCY CLASS THROUGH THE INTRODUCTION OF NEW FIELD IN ALL RESERVATION MESSAGES [INCLUDING REQUEST TO SEND (RTS) AND CLEAR TO SEND (CTS)] AND HEADERS OF TRANSMITTED PACKETS INDICATING THE NUMBER OF TRANSMISSION ATTEMPTS

RESERVATION MESSAGES [INCLUDING REQUEST TO SEND (RTS) AND CLEAR TO SEND (CTS)] AND HEADERS OF TRANSMITTED PACKETS	FEEDBACK ON THE SUCCESS OR FAILURE OF A TRANSMISSION ATTEMPT	THE NUMBER OF RE-TRANSMISSIONS ATTEMPTED BY A NODE	THE NUMBER OF RE-TRANSMISSIONS ATTEMPTED BY EACH NEIGHBOR OF A NODE	THE AGE OF SUCH RETRIALS	A SEPARATE NUMBER OF TRANSMISSION ATTEMPTS IS REMEMBERED OR BROADCAST FOR EACH URGENCY CLASS
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**FIG. 5**

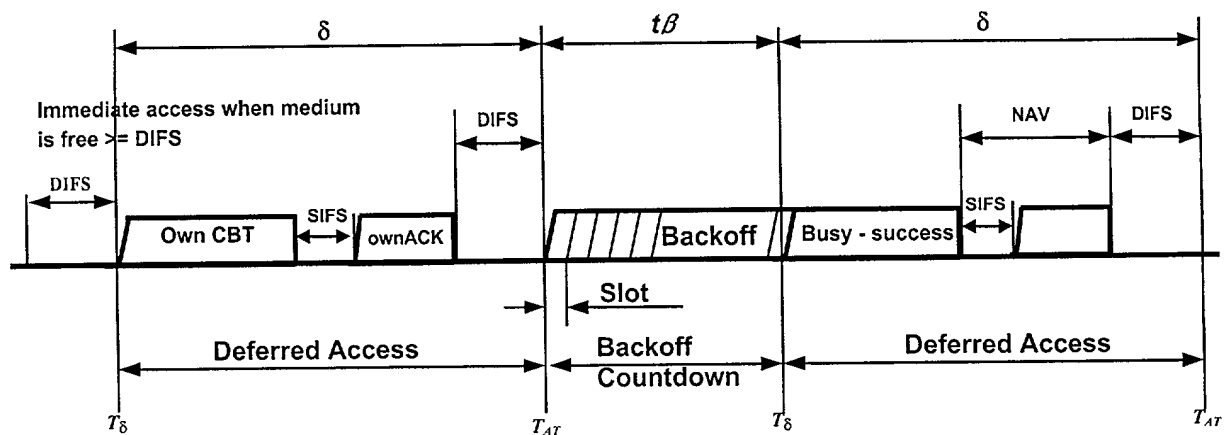


Figure 6— Fast Adaptation timing for own transmission, and good observed transmission

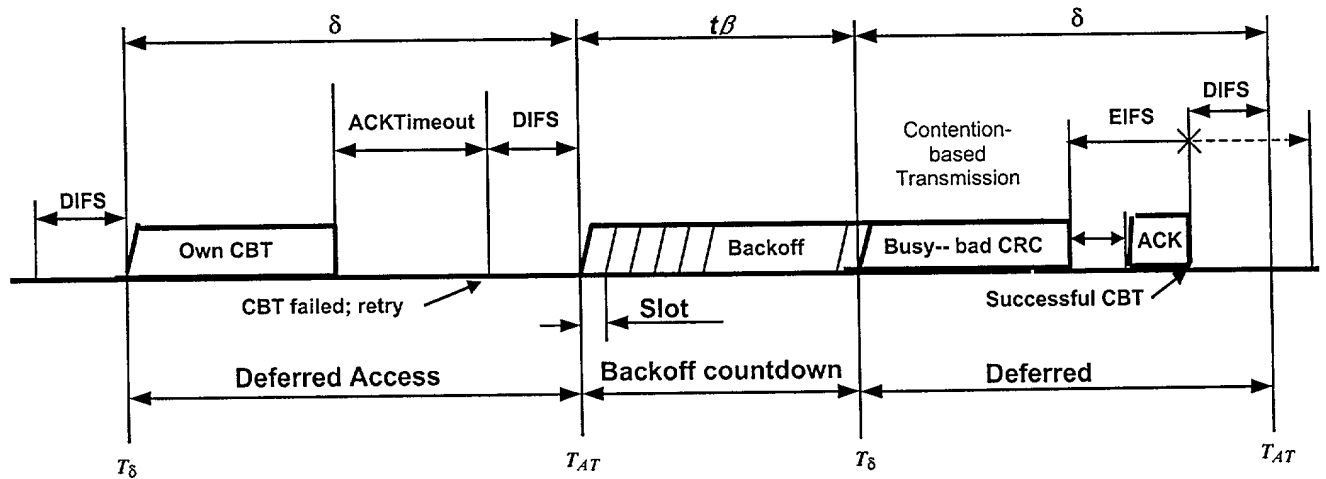


Figure 7— Fast Adaptation timing - ACK Timeout, and recovered observed transmission failure

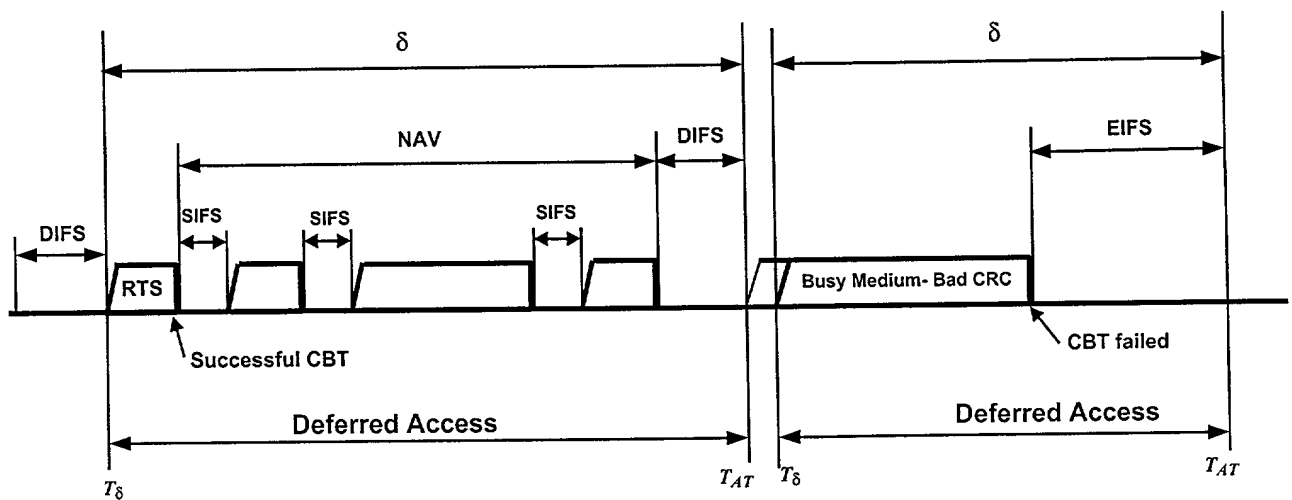
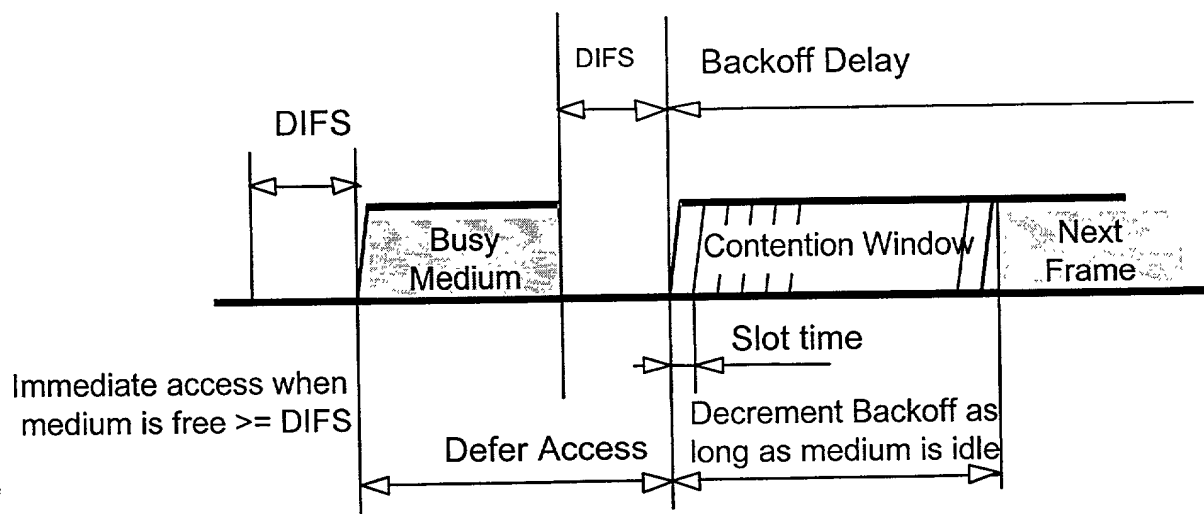
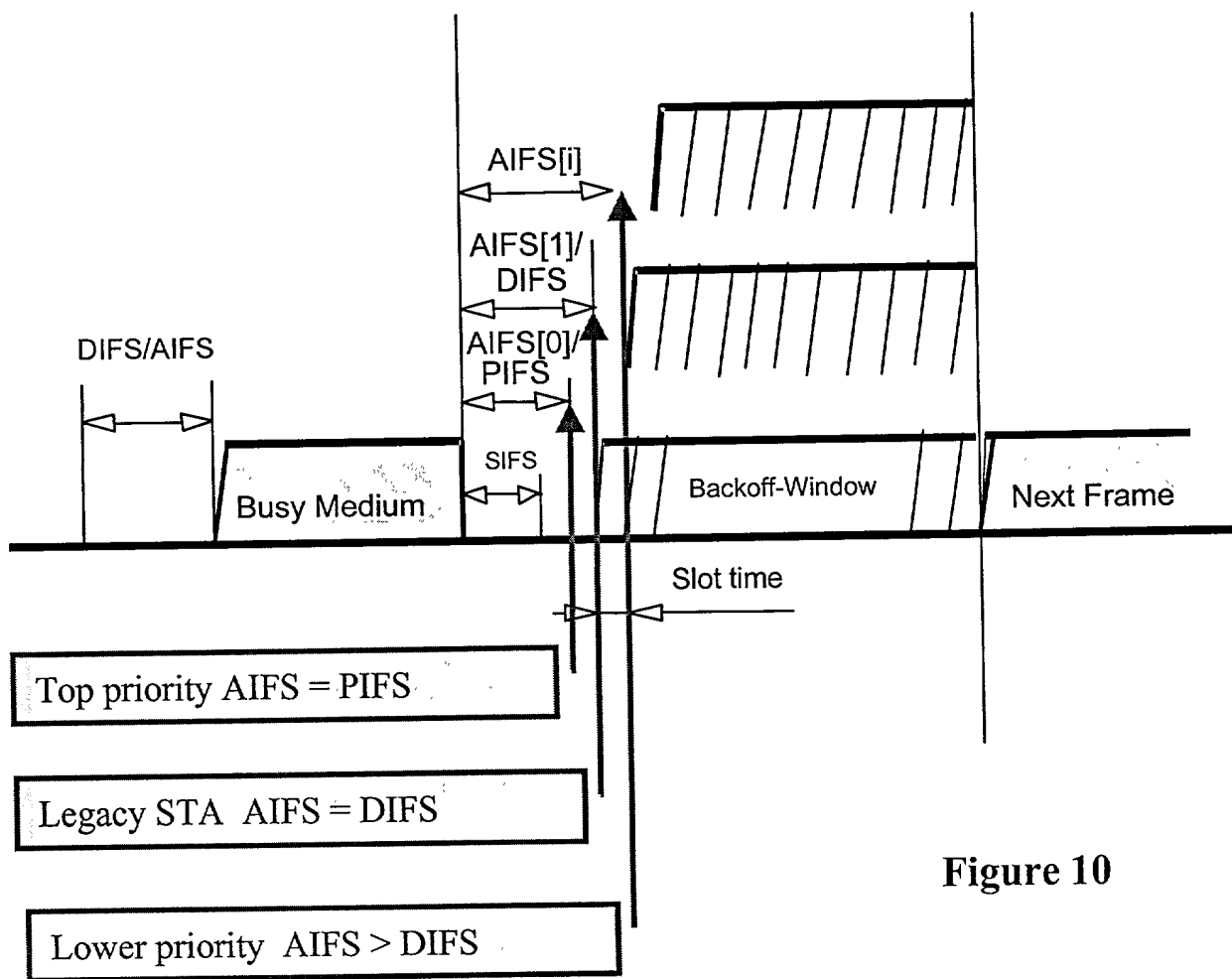


Figure 8— Fast Adaptation timing - Observed successful RTS and observed transmission failure

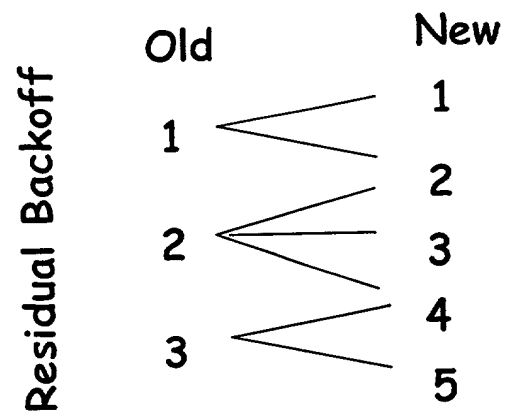




**Figure 9**



**Figure 10**



*$p=1.5$ ; scale up!*

Figure 11